

* SWBAT observe conservation of momentum

Sep 6-2:31 PM

Welcome!!!

SECA Physics
Tuesday 8 December 2015

H. Leslie Grebe

Centering...

- * Pick up:
 - worksheet

Opening Question:



What does that guy in the air have to do with "conservation of momentum"?

TOTAL STAYS THE SAME

$$M_V = mV$$

Sep 7-7:04 AM

Blobbing!

What does this have to do with our class?



<http://www.youtube.com/watch?v=OPworfl7fs>

Oct 4-7:27 AM

Outrageous Acts of Science

A show about viral videos and the science that makes them possible...

Daisy Cutter

Show-offs #14(Nova DVD)

1. Just watch
2. Read the questions
3. Watch again
4. Discuss
5. Watch a last time to catch anything you might have missed



Oct 4-7:27 AM

Running with Momentum

$$\text{LINEAR MOM} = m \cdot v$$

MOMENTUM CONTINUES IF NO OUTSIDE FORCE

SMALLER OBJECT CAN HAVE SAME MOMENTUM
AS LARGER IF FASTER

COLLISIONS: MOMENTA ADD
VECTORS

Dec 9-7:46 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. An object has momentum if it is MOVING.

2. True or false: When things collide at an angle, they change direction.

3. Smaller objects can have the same momentum as bigger objects if the small object is FASTER.

Dec 2-7:55 AM